LOADRITE

BY ACTRONIC – A TRIMBLE COMPANY

User manual

Refuse truck scales

E2750

BY ACTRONIC – A TRIMBLE COMPANY

LOADRITE™ E2750 User Manual

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A solution from

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IMPORTANT SAFETY INFORMATION

PLEASE READ CAREFULLY BEFORE USING THE LOADRITE™ WEIGHING SYSTEM

	This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
⚠WARNING	WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
⚠CAUTION	CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.
CAUTION	CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.

⚠WARNING

It is your sole responsibility to place, secure and use the LOADRITE™ Weighing System in a manner that will not cause accidents, personal injury or property damage. Always observe safe operating practices.

Do not install the LOADRITE™ Weighing System in a way that may interfere with the safe operation of the vehicle, or deployment of safety equipment.

Before you use the LOADRITE™ Weighing System for the first time, familiarize yourself with the system and its operation.

⚠CAUTION

Do not handle the LOADRITE™ Weighing System if it is hot. Let the product cool, out of direct sunlight.

Ensure that the LOADRITE™ Weighing System is connected to a power source with the correct fitting and voltage requirements.

Do not attempt to service the LOADRITE™ Weighing System as this could result in personal injury.

CAUTION

Removing LOADRITE™ Weighing System equipment or adding accessories could affect the accuracy of weighing data and your warranty.

Failure to adhere to these warnings and cautions may lead to death, serious injury or property damage. Actronic Ltd disclaims all liability for installation or use of the LOADRITE™ Weighing System that causes or contributes to death, injury or property damage, or that violates any law.

TABLE OF CONTENTS

1 LOADRITE™ E2750 WEIGHING SYSTEM 1-5
1.1 Weight Measurement 1-5
1.2 Display 1-5
1.3 Keypad 1-6
1.4 Trigger 1-7
1.5 Turning On 1-7
1.6 Standby mode 1-7

2 WEIGHING - OVERVIEW 2-8
2.1 Before Weighing a Load 2-8
2.2 Weighing a Load 2-8
2.3 Entering Bin Sizes 2-9

3 TOTAL 3-10
3.1 To clear the Total 3-10
3.2 Long Total 3-10

4 ZEROING THE E2750 4-11
4.1 To zero the E2750 4-11
4.2 Large Zero Error 4-11

5 ADDING AND RECALLING 5-12
5.1 Adding a Weight 5-12
5.2 Automatic Adding of Weights (Auto-Add) 5-12
5.3 Recalling Last Nett Weight 5-12

6 ADDITIONAL DATA 6-13
6.1 To enter additional data 6-13

7 USER MENU OPTIONS 7-14
7.1 Using the User Menu 7-14
7.2 Setting the Time and Date 7-14

8 PRINT FUNCTIONS 8-16
8.1 Receipt printing 8-16

9 APPENDIX A: SPAN CALIBRATION CORRECTION 9-17
9.1 To correct the calibration of the E2750 9-17
9.2 Checking the adjustment 9-18

10 APPENDIX B: ERROR MESSAGES 10-19
10.1 Contact LOADRITE™ 10-19
10.2 Contact LOADRITE™ 1010 10-19
10.3 Demo Mode! 10-19
10.4 Limp Mode! 10-19
10.5 Low Power 10-19
10.6 No Dump. Add? 10-19
10.7 Over R1/ Over R2 10-19
10.8 Tilt Fault 10-19
10.9 Trigger Fault 10-19

11 APPENDIX C: SPECIFICATIONS 11-20
11.1 Minimal Weighing Delay 11-20
11.2 Power Requirements 11-20
11.3 Signal Inputs and Outputs 11-20
11.4 Display / Keyboard 11-20
11.5 Clock 11-20
11.6 Physical 11-20
11.7 Optional features 11-20
11.8 Output/Input Connections 11-21
12 APPENDIX D: LEGAL INFORMATION 12-22

1 LOADRITE™ E2750 WEIGHING SYSTEM

The LOADRITE™ E2750 weighing system measures the weight of loads lifted by refuse trucks.

The heart of the system is the E2750 Indicator, which provides a keypad for entering instructions and an LCD screen to display weights and messages.

The Indicator has internal memory which stores settings and data even when switched off.

The E2750 is installed in the cab of the truck and is connected to sensors on the lifting arms.

1.1 WEIGHT MEASUREMENT

The E2750 Indicator measures the sensors as the bin is raised and lowered. The Indicator converts the sensor signals into a weight reading and displays the value.

An electronic trigger device mounted on the lift arms ensures that the weight measurements are taken at the same position each time.

The weight of the lifting arms are zeroed out when the system is calibrated so that only the weight of the payload is displayed.

When the Nett (contents) weight of a bin is displayed, it can be added to the truck total.

1.2 DISPLAY

The E2750 display gives instructions and information, along with the measured or total truck weight.

The display is backlit for ease of operation in low light conditions.

- To turn the display on or off, press .

1.3 KEYPAD

The table below shows the special functions that the keys have in addition to their numeric values used for entering data.

Icon	Name	Description
	Trigger Light	Illuminates when a load is lifted past the past the trigger point. When this light is on, the load may be added.
	Long Total	Displays the *Long Total* screen.
	Backlight	Turns the screen and keypad backlight on or off.
	Recall **Back**	▸ Recalls the last bin weight. ▸ Moves back one menu screen.
	Data menu	▸ Displays the *Data Menu*. ▸ Moves cursor left when entering text or numbers.
	User menu **Back** **Standby mode**	▸ Displays the *User Menu*. ▸ Moves back one menu screen. ▸ Press and hold to enter *Standby* mode.
	Up	Moves up a list of options.
	Down	Moves down a list of options.
	Enter	▸ Selects an item. ▸ Accepts changes.
	Numeral keypad	Used to select the bin size or enter numbers **1** – **9**.
	Decimal Point **Print receipt**	▸ Used to enter a decimal point. ▸ Used to print a receipt as required.
	0	Used to enter the number **0**.
	Add	Adds the current bin contents to the total.
	Clear	Clears the truck total.
	Zero	Zeroes the empty arms.

1.4 TRIGGER

To ensure consistent and accurate measurement, the E2750 system incorporates a position sensor (trigger) which initiates the weight measurement as the lifting arms are raised and lowered.

1.5 TURNING ON

The E2750 is normally connected so that it turns on with the ignition of the truck.

When turned on, the upper display shows a sequence of check messages and then the Ready message.

1.6 STANDBY MODE

If you are not going to use the E2750 Weighing System for a while, you can put the Indicator into *Standby* mode by pressing and holding down for three seconds.

2 WEIGHING - OVERVIEW

When ready to weigh, the E2750 displays `Ready` on the display. If the arms are not in the correct position to start the weighing cycle, the display will show the message `Arms Up`.

There may be other information on the display, depending on the mode of operation.

The total weight is shown on the bottom line of the display.

2.1 BEFORE WEIGHING A LOAD

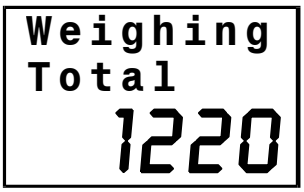
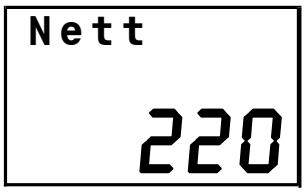
Before weighing, for optimum accuracy make sure that:

- The display shows `Ready`.
- The bin is fully back on the forks.
- The forks are level.
- The truck is on level ground.
- The correct bin size is entered (depending on your business requirements).

2.2 WEIGHING A LOAD

2.2.1 To weigh a load

NOTE: Weights shown are examples only.

Raise the bin through the weighing zone (The E2750 displays `Weighing`). If necessary, level the bin to prevent material spillage. As you raise the load past the weighing zone, the E2750 beeps and the Indicator light flashes to show that the weight has been measured.	
The E2750 will either show the `Lifted` message, or show the actual combined bin and material weight. This is configured at installation. Continue to lift the bin and empty it in the normal way.	
Lower the bin to the ground. As it passes through the weighing zone, the E2750 will again show the `Weighing` message. When the weighing is complete, the left hand light will flash. The Nett weight is then displayed (the second light will turn on).	
The displayed weight is added to the running total, unless *Auto-Add* functionality is disabled. If *Auto-Add* is disabled, then the light will remain on for a few seconds, during which you can: ▸ press + to add the displayed weight to the running totals, or ▸ press →0← to zero the measuring system. If you don't press a button, the E2750 beeps and prompts you to take action. If after a further delay, you do not press a button, the E2750 discards the measured weight and the *Ready* screen is displayed.	

2.3 ENTERING BIN SIZES

Depending on your business requirements, you may not need to enter a bin size before lifting the bin.

The E2750 uses the size of the bin as part of the weight calculation. There are up to nine different bin sizes available (numbered 1 to 9) which are configured at the time of the system configuration.

- To enter the bin size, press the number button for the required bin BEFORE lifting the bin.

2.3.1 Bin Size Record

The bin sizes for your system can be recorded below for easy reference:

Bin Size #	Actual size

3 TOTAL

The E2750 displays each weight measured and the running total as you add Nett weights. The Total is normally used to record the payload of the truck. The E2750 displays Total on the bottom line of the display.

3.1 TO CLEAR THE TOTAL

Press C (normally done at the land fill). The Indicator clears the Total and then displays: `Cleared Total`	

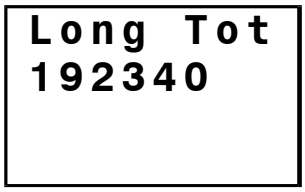
The E2750 may also be configured to request the weighbridge weight be entered after the Total is cleared. If prompted, enter the weighbridge total value, then press .

3.2 LONG TOTAL

In addition to the normal truck Total, a Long Total is recorded. The Long Total is normally used to record the total hauled for a day or week.

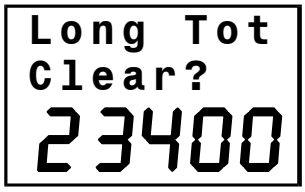
3.2.1 To display the Long Total

NOTE: Weights shown are examples only.

Press . The Long Total is displayed while the is held down, and for a few seconds after it is released.	

3.2.2 To clear the Long Total

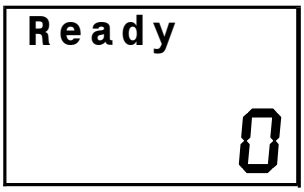
NOTE: Weights shown are examples only.

While the Long Total is displayed, press . The E2750 prompts you to confirm that you do want to clear the Long Total.	
Press to confirm. The Indicator clears the Long Total.	

4 ZEROING THE E2750

When you raise and then lower empty forks through the weighing zone, the Indicator should display **0** (if the E2750 is configured to display weights as the load is lifted). However, due to changes in the lifting arms (mainly caused by temperature), a small zero error may occur. This is mostly automatically compensated for by the E2750 when the empty weight of the bin is measured.

4.1 TO ZERO THE E2750

With empty forks, raise and then lower the arms until the left light flashes and the `Lifted` message appears.	
Press . The E2750 performs the zero adjustment and displays a confirmation message.	
The E2750 then returns to the *Ready* screen.	

4.2 LARGE ZERO ERROR

If while zeroing, there is a large zero error (displayed weight greater than 5% of full scale), the E2750 will prompt you to confirm that the forks are empty.

- Press to confirm forks are empty, or press any other button if not.

Depending on your response, the Indicator displays `Zeroed` or `Not Zeroed`.

5 ADDING AND RECALLING

5.1 ADDING A WEIGHT

The Add function adds the Nett weight to the short and Long Total.

5.1.1 To add a new Nett weight

1) Lift and lower the arms so that the Indicator light is on (The bottom line of the display shows the Nett weight.)
2) Press .
   The E2750 updates the totals.

5.1.2 Timeout

After the bin has been lowered to the ground, if the Nett weight is not added within a short period of time it will time out. Before the weight times out, the E2750 will prompt to `Add?`.

5.2 AUTOMATIC ADDING OF WEIGHTS (AUTO-ADD)

The E2750 has an option (configured at installation) to automatically accept Nett weights and add them to the totals.

If *Auto-Add* is enabled, then the measured weight will be automatically added a short time after it is displayed. There is no need to press any buttons.

NOTE: The *Auto-Add* function will only operate when the arms have gone back to the 'dump' position during the cycle. This helps to ensure that only valid bin emptying cycles are added.

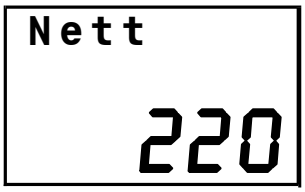
- Refer to page **Error! Bookmark not defined.** for details on the `No Dump` error message.

5.3 RECALLING LAST NETT WEIGHT

The recall function recalls and displays the last Nett weight if it has timed out. Recalling is equivalent to lifting the same weight again, however it will only work if the previous Nett weight timed out.

5.3.1 To recall the previous Nett weight

NOTE: Weights shown are examples only.

Press . The E2750 displays the previous weight.	

6 ADDITIONAL DATA

If this feature is enabled, the E2750 allows you to enter up to three user-defined numbers, which provide additional information to the weight data.

The specific data for the E2750 is set up at installation time. Examples for the labels attached to the data are:

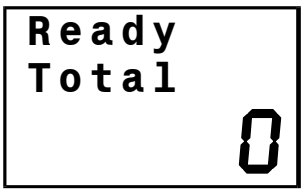
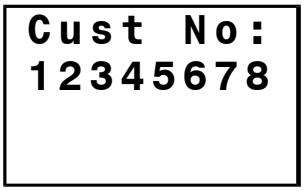
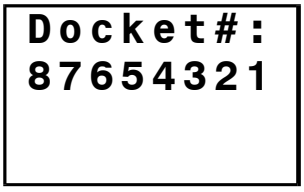
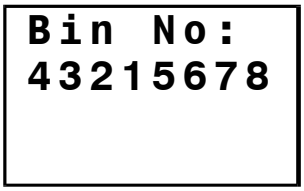
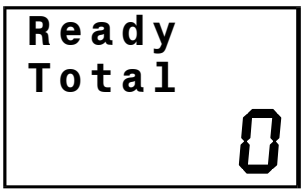
- Cust No:
- Docket#:
- Bin No:

When you press , the E2750 displays the three labels in sequence and you can enter the relevant numbers for the current load. The numbers can be up to 8 digits long.

This information can be printed or logged to an on-board computer, data logger, modem or other device (if fitted).

6.1 TO ENTER ADDITIONAL DATA

NOTE: This explanation uses the example labels above)

When the E2750 is Ready, press .	
The E2750 displays the first label (e.g. Customer No) and prompts you to enter a number. Enter a number (up to eight digits), then press	
The E2750 displays the second label (e.g. Docket No) and prompts you to enter a number. Enter a number, then press	
The E2750 displays the third label (e.g. Bin No) and prompts you to enter a number. Enter a number, then press	
The E2750 then returns to the *Ready* screen.	

NOTE: You may have one, two or three label / number pairs available depending on how the E2750 is configured at installation.

7 USER MENU OPTIONS

The *User Menu* allows you to set the clock. It also provides access for LOADRITE™ installers to calibrate and configure the E2750 (requires a security code).

7.1 USING THE USER MENU

The same buttons are used for all menu options as follows:

- To access the menu, press .
- To obtain the next menu option, use the arrow keys.
- To accept an option, press .
- To exit the menu, press or .
- If you do not press a key, the E2750 returns to the Ready state after a short delay.

7.2 SETTING THE TIME AND DATE

The E2750 has an internal clock which can be used for inserting the time and date into recorded and printed data.

7.2.1 To set the time and date

When the E2750 is Ready, press . Press and the display should show: To set the clock, press	UserMenu Clock?
The E2750 shows the current time and prompts you to enter the minutes. Enter the correct minutes using the number keys, then press You can clear mistakes using C.	11:31 Am Minutes 31
Enter the correct hours using the number keys. Use and to toggle AM/PM setting. When the hours are correct, press	11:31 Am Hour Am 11
Enter the correct month using the number keys, then press	24 Apr Month 04
Enter the correct date using the number keys, then press	24 Apr Date 24

Enter the correct year using the number keys, then press .	
Finally, the E2750 displays the complete time and date for a few seconds before returning to the Ready state.	

TIP: At any time while entering the time and date you can press to return the E2750 to the *Ready* screen without altering the current time and date.

8 PRINT FUNCTIONS

When an LP950 printer is connected, weight data can be printed as the E2750 weighs. Most print options can be configured at installation.

The data can be automatically printed when particular functions are performed as listed below.

At start-up

E2750	Always printed

Weight added

Weight	Always printed
Sequence Number	Optional
Time	Optional
User Defined Data 1	Optional
User Defined Data 2	Optional
User Defined Data 3	Optional

Short total cleared

Total Weight	Optional
User Defined Data 1	Optional
User Defined Data 2	Optional
User Defined Data 3	Optional
ID Number (truck)	Optional
Time and Date	Printed if total printed
User Title (company name)	Printed if total printed

Long total cleared

Long Total Weight	Always printed
ID Number (truck)	Always printed
Time and Date	Always printed

Zero performed

Weight Zeroed	Always printed

8.1 RECEIPT PRINTING

The E2750 has an optional function that allows a customer receipt to be printed as required. This function is useful if a receipt needs to be given to the customer when a bin is emptied.

When enabled, after a bin has been emptied and the weight added to the Total, a receipt can be printed by pressing .
Depending on options selected at installation, a receipt similar to below will be printed:

```
--------------------
Sands Hauling
Bin Nett:   450kg
Bin Size: 1
Truck Number: 456
Date:  1 Jun 2014
Time: 12:30 pm
--------------------
```

9 APPENDIX A: SPAN CALIBRATION CORRECTION

This function allows small changes to be made to the E2750 calibration if the arms of the truck are modified or if no accurate test weight is available when the E2750 is calibrated at installation time.

The adjustment is carried out by entering the total of weights recorded at a weighbridge (scale house) over a period of time and the corresponding E2750 total.

To perform the adjustment, you need to obtain a security access code from your LOADRITE™ installer.

WARNING

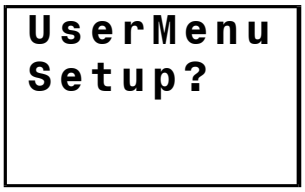
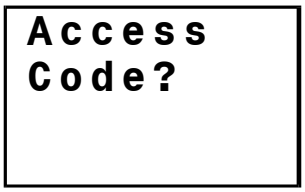
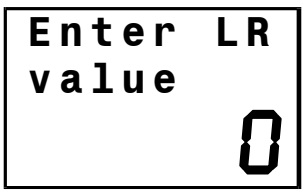
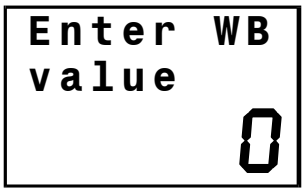
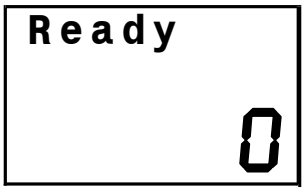
The E2750 alters its calibration every time this function is used. It is important that you only use this function *once* with a given set of data. If the same weights are entered again, the E2750 will over-correct and its accuracy will be seriously impaired.

Example

A truck is loaded and then proceeds to a weighbridge (scale house). The totals for the loads in this example are as follows:

E2750	6000kg
Weighbridge	6200kg

9.1 TO CORRECT THE CALIBRATION OF THE E2750

Press , then press .	
The E2750 prompts you to enter the security access code. Enter the access code, then press .	
The E2750 prompts you to enter the LOADRITE™ value for the weight. Enter the LOADRITE™ weight (6000 in this example), then press .	
The E2750 prompts you to enter the weighbridge value. Enter the weighbridge weight (6200 in this example), then press .	
If the adjustment is within limits, the E2750 alters its calibration, briefly displays a value of scale factor and then returns to the *Ready* screen. If the required adjustment is too large, the E2750 displays an error message and does not change its calibration.	

9.2 CHECKING THE ADJUSTMENT

You can check the calibration adjustment by obtaining and comparing new LOADRITE™ and weighbridge totals. If necessary, the calibration adjustment can be performed again using the new data.

Notes to remember:

- It is important that you only use this function *once* with a given set of data. If the same weights are entered again, the E2750 will over correct and its accuracy will be seriously impaired.
- It is very important to measure the empty (Tare) weight of the truck when it has dumped its load. Stored Tares can be inaccurate and cause the system to be incorrectly calibrated.

10 APPENDIX B: ERROR MESSAGES

10.1 CONTACT LOADRITE™

A problem has occurred upgrading software has occurred. Contact your LOADRITE™ distributor for assistance.

10.2 CONTACT LOADRITE™ 1010

The voltage of the Indicator battery has dropped below 2.7mV. Contact your LOADRITE™ distributor for assistance.

10.3 DEMO MODE!

The Indicator is currently in *Demo* mode. An access code must be entered to end *Demo* mode. Contact your LOADRITE™ distributor for more information.

10.4 LIMP MODE!

One of the strain link sensors has failed, but your LOADRITE™ Distributor has enabled *Limp Mode* to allow the E2750 Weighing System to continue weighing at reduced accuracy until repairs can be made. Contact your LOADRITE™ distributor for more details information.

10.5 LOW POWER

A power problem has been detected. There are two typical causes:

- The power supply voltage to the E2750 has fallen below 11V DC (can occur during cranking on 12V trucks).
- A cable connecting to a sensor has been damaged and is compromising the power supply (often this is the cable to the Amplifier or Loadcell).

Contact your LOADRITE™ distributor for assistance.

10.6 NO DUMP. ADD?

This error message indicates that the forks have not returned to the “dump” position as part of the weigh. This means that the *Auto-Add* functionality cannot add the weight to the Total.

The operator must manually add the measured weight if valid. Refer to page 5-12 for more details on Adding weights.

10.7 OVER R1/ OVER R2

There is a fault in one of the loadcells or cables. Contact your LOADRITE™ distributor for assistance.

10.8 TILT FAULT

An Angle Sensor fault has been detected. There are two typical causes:

- The Angle sensor is damaged or faulty.
- The cable from the Angle Sensor to the Indicator is damaged.

Contact your LOADRITE™ distributor for assistance.

10.9 TRIGGER FAULT

A Trigger fault has been detected. There are three typical causes:

- The Trigger is damaged or faulty.
- The cable from the Trigger to the Indicator is damaged.
- The steel cable has detached from the cable spool on the Trigger.

Contact your LOADRITE™ distributor for assistance.

11 APPENDIX C: SPECIFICATIONS

11.1 MINIMAL WEIGHING DELAY

Weighing delay is minimal, because the weighing function is carried out during a normal lift.

11.2 POWER REQUIREMENTS

Supply Voltage	12 to 32 Volts DC
Supply Current	160mA typical, 350mA max.
LP950 printer	50mA standby, 4A peak.

Automatic transient suppression exceeds relevant SAE specifications for DC automotive power supply transients.

11.3 SIGNAL INPUTS AND OUTPUTS

Sensor inputs	4 - 20mA (0-100%)
Trigger input	Pulse width modulated 0 to 5V..
Serial communications	RS232 to printer and data logger.

11.4 DISPLAY / KEYBOARD

Display	Backlit LCD.
Keyboard	20 backlit keys including numeric and special function keys.

11.5 CLOCK

- Built in clock provides time and date.
- Hours, minutes, AM/PM, day, month, year.

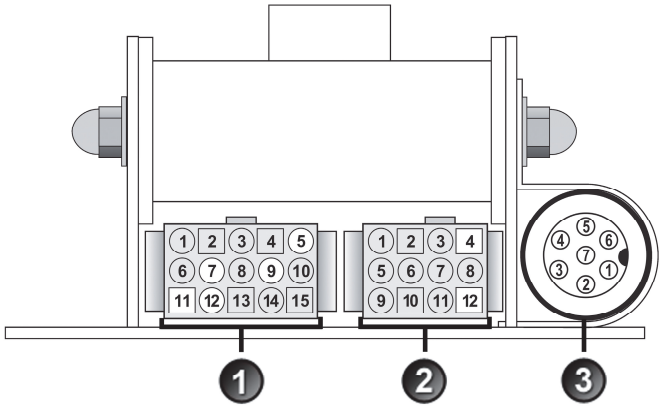
11.6 PHYSICAL

Indicator	Protected to IP54
Dimensions	W 170mm, L 270mm, and H 90mm.
Weight	2kg with mounting bracket
Rotary trigger	Protected to IP67

11.7 OPTIONAL FEATURES

A range of additional operating features can be enabled at installation time.

11.8 OUTPUT/INPUT CONNECTIONS



	Connection
1	Power / Control
2	Printer
3	Pressure Transducer

11.8.1 Power / Control

1. Negative supply (ground)	2. Positive supply
3. Remote button 2	4. Remote button 1
5. N.C.	6. Interlock
7. N.C.	8. Trigger Positive supply
9. N.C.	10. Rotary trigger
11. N.C.	12. N.C.
13. N.C.	14. Positive output supply
15. Ground output	

11.8.2 Printer

1. Negative supply to printer	2. Positive supply to printer
3. +12V output (do not use)	4. N.C.
5. N.C.	6. Printer RS232 output
7. Printer busy input	8. EDP RS232 input
9. EDP RS232 output	10. Ground output
11. Reserved	12. N.C.

11.8.3 Pressure Transducer

1. Do not connect	2. Analog input 2 (from sensor amplifier)
3. Do not connect	4. N.C.
5. Analog input 1 (from sensor amplifier)	6. Shield
7. Ground	

12 APPENDIX D: LEGAL INFORMATION

Disclaimer

Actronic Ltd operates a policy of on-going development. Please note that while every effort has been made to ensure that the data given in this document is accurate, due to continued product development, the information, figures, illustrations, tables, specifications, and schematics contained herein are subject to change without notice. Actronic Ltd does not warrant that this document is error-free. The screenshots and other presentations shown in this manual may differ from the actual screens and presentations generated by the actual product. All such differences are minor and the actual product will deliver the described functionality as presented in this document in all material respects. If you find any errors in the document, please report them to us in writing.

Actronic Ltd assumes no liability in connection with the use of any LOADRITE™ branded product.

Actronic Ltd is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

Compliance

Domain	Applicable Standard
Immunity Standards (industrial)	IEC 61000-4-3 (ed1.2) Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test (80% 1kHz Amplitude Modulated) from 80MHz to 1GHz 10V/m IEC 61000-4-3 (ed1.3) Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test (80% 1kHz Amplitude Modulated) from 1.4GHz to 2GHz 3V/m IEC 61000-4-3 (ed1.4) Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test (80% 1kHz Amplitude Modulated) from 2GHz to 2.7GHz 1V/m
Conducted	IEC 61000-4-6 (ed2.1) Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields
Fast Transients	IEC 61000-4-4 (ed2.1) Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test +/1KV (5/50 Tr/Th ns - 5kHz repetition)
ESD	IEC 61000-4-2 Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test +/-4kV / Electrostatic Air Discharge +/-8kV
Electromagnetic compatibility (EMC)	EN/IEC/ASNZS 61000-6-2:2005 Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments EN/IEC 61000-6-4:2005 Electromagnetic compatibility (EMC) - Part 6-4: Generic Standards - Emission standard for industrial environments ANSI C63.4:2003 FCC Part 15 (A and B) - Radio Frequency Devices

CE

Products with the CE marking comply with the Electromagnetic Compatibility Directive (2004/108/EC) issued by the Commission of the European Community. Compliance with this directives implies conformity to the following European Standards:

EN 61000-6-2:2005 Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments EN 61000-6-4:2005 Electromagnetic compatibility (EMC) - Part 6-4: Generic Standards - Emission standard for industrial environments

The Indicator is fully EMC (Electro-Magnetic Compatibility) compliant and is CE marked accordingly. A Declaration of Conformity, in accordance with the EMC Directive 89/336/EEC (and as amended) is available from Actronic Ltd on request: info@LOADRITE™scales.com

Actronic Ltd cannot be held responsible for modifications made by the User and the consequences thereof, which may alter the conformity of the product with CE marking.

Hereby, Actronic Ltd, declares that this LOADRITE™ E2750 is in compliance with the essential requirements and other relevant provisions of Directive 2004/108/EC.

The Indicator is compliant with RoHS Directive 2002/95/EC which sets limits for the use of certain restricted hazardous substances. This directive states that “from 1st July 2006, new electrical and electronic equipment put on the market does not contain lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE)”.

This device complies with part 15 of the FCC Rules and Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This Class A digital apparatus complies with Canadian ICES-003 (A) / NMB-003 (A).

WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. This Notice is being provided in accordance with California's Proposition 65.

Disposing of the LOADRITE™ Indicator

This electronic product is subject to the EU Directive 2002/96/EC for Waste Electrical and Electronic Equipment (WEEE) which requires the separate collection, treatment, recycling and environmentally-sound final disposal of waste of electrical and electronic equipment. As such, this product must not be disposed of at a municipal waste collection point.

Please refer to local regulations for directions on how to dispose of this product in an environmentally friendly manner.

MAN-81332-00

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